



**Agenda Item Number: 2006-6-6E**

## **BERNALILLO COUNTY BOARD OF COUNTY COMMISSIONERS**

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**Meeting Date:** June 13, 2006

**Department:** Technical Services      **Staff Contact:** Tim West, Deputy County Manager for Public Works  
Roger Paul, Technical Services Director  
Brad Catanach, Engineering Manager

**TITLE:** South Valley Water System Engineering Contract

**ACTION:** Motion to approve:

1. The Sole Source Agreement for HDR Engineering Inc. to design the South Valley Reservoir, Booster Station and construction related special services.
2. The Professional Engineering Services Agreement with HDR Engineering in the amount of \$1,639,306.26 including GRT to design the South Valley Reservoir, Booster Station and construction related special services.

### **SUMMARY:**

On June 25, 2005, the Board approved the original contract with HDR Engineering to provide engineering services for the South Valley Water System. The contract included feasibility work to determine the best system to serve the south valley and engineering hydraulic modeling of the selected system. An amendment to the contract with HDR was approved by the Board on June 8, 2004 for \$2,934,770, including GRT which included the final design of a transmission line to provide water to the area; distribution system for an area bounded by Metzgar Road on the north, Raymac Road on the south, Coors Boulevard on the west and the Rio Grande on the east; a 3.5 million gallon reservoir located near Pajarito Road and Douglas; and a booster station located at the southeast corner of Pajarito Road and Isleta Boulevard. The consultant has completed the design of the transmission line and the distribution system. The transmission line is currently under construction and will be finished by July 2007. The distribution system should be advertised for construction by August of 2006 pending the acquisition of easements; if awarded in November 2006 by the Board, construction should be complete by January 2008. The reservoir design was delayed due to the delay of the property acquisition that was held in a trust requiring several owners to agree to the sale. The County did not want to proceed far into the design if another property was going to have to be purchased. The booster station has obtained a special use permit for the site and has designed a site plan for the facility.

The sole source contract will allow the Engineer to assist the County with construction special services required to construct the transmission line and distribution system and complete the final design of the reservoir and booster station and construction related special services. The Engineer has agreed to honor the existing basic service fees for the design of the reservoir in the amount of \$170,226.72 not including GRT and booster station in the amount of \$281,200 not including GRT. If the County were to procure another engineer for the design basic services for the reservoir and booster station the fees would be approximately \$240,000 (8% fee for \$3

million reservoir construction) and \$360,000 (8% fee for \$4.5 million booster station construction) respectively. Generally design fees are tied to construction costs and with the escalation of construction prices, the design fee would certainly increase.

Additionally, an engineering subcontractor to HDR for the booster station is also designing a similar booster station directly for the ABCWUA which will help to minimize costs. The reservoir design will be complete by January 2007 and construction completed by December 2007. The booster station design will be complete by May 2007 and construction completed by September 2008. The reservoir and booster station construction schedules are pending the availability of construction funding.

#### **ATTACHMENTS:**

1. Sole Source Justification
2. Engineers Agreement
3. Campaign Contribution Disclosure Form
4. Location Map

#### **FISCAL IMPACT**

SV Water Final Design	BC63-568650-VS30	\$ 700,000.00
SV Water Final Design-EPA	BC63-568650	<u>939,306.06</u>
TOTAL		\$1,639,306.26

#### **STAFF ANALYSIS SUMMARY**

##### **COUNTY MANAGER**

See summary. I recommend Board approval. TL 6/8/06

##### **DEPUTY COUNTY MANAGER FOR PUBLIC WORKS**

The suspension of partial design was made by Public Works staff to ensure that work would not be required in the event land acquisition was not had, as projected. The remaining design elements can now be pursued. HDR is most knowledgeable about the project, having designed its other components. The original four year contractual period will expire near the end of June 2006. I recommend the Board approve the sole source procurement of professional design services from HDR. TW 5/31/06

##### **LEGAL**

The contract contains adequate indemnification and insurance provisions. Approved as to form JSL, Legal 65/06

##### **FINANCE**

###### **Budget**

Funds are available in the Construction and Project Improvement Costs account in the Jail-Water/Waste Water System Bond-BC63. Amy Childers, Financial Services Administrator 5/31/06

###### **Purchasing**

Based on the combination of facts presented in the Agenda item and Attachment 2, "Sole Source Justification Form" the Purchasing Department has determined this procurement method to be in the best interest of the County. Dinah Esquivel, Purchasing Administrator 06/01/06

**Contracts**

A contract number will be issued once all signatures have been obtained on the Agreement. Dinah Esquivel, Purchasing Administrator 06/01/06

**Risk Management**

The Contractor shall provide a Certificate of Insurance naming Bernalillo County as an additional insured with the like kinds and amounts of the insurance referenced in Article 8 of the Agreement. David A. Baca, Risk Management Administrator 06/01/06